

Introduction to Logic Gates

Definition:- The circuit which acts as a gate i.e. getting output only for certain input.

Types of Logic Gates:-

(i) Basic Logic Gates:- NOT, OR, AND

(ii) Universal Logic Gates:- NAND, NOR

(iii) Exclusive logic Gates:- EX-OR, EXNOR

- By using NAND gate (or) NOR gate we can implement any logic gate & therefore it is known as universal logic gate
- Exclusive Gates are the special gates as they are used in wide applications
Eg:- Comparator, Arithmetic Circuits

